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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re the Application of : Kazuo NAGATANI, et al.  
Filed: : Concurrently herewith  
For: : METHOD AND APPARATUS FOR .....  
Serial No. : Concurrently herewith



Assistant Commissioner for Patents

Washington, D.C. 20231

December 6, 2001

**INFORMATION DISCLOSURE STATEMENT**

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and copies of the documents listed thereon. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As these documents are written in a language other than English, English language abstracts are annexed thereto explaining its relevancy in accordance with 37 CFR §1.98 (a)(3).

As this Statement is being filed prior to issuance of a first Office Action, no fee is due.

The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the

application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a) and 1.106 (b), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper, may be charged on Deposit Account 50-1290.



Respectfully submitted,

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Docket No: FUSA 19.236

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Application No. :  
Filing Date :  
First Named Inventor: K. NAGATANI  
Group Art Unit :  
Examiner Name :  
Attorney Docket No. : FUSA 19.236



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		4,700,151		Nagata	10/13/87	
		5,903,611		Schnabl et al.	05/11/99	
		5,164,678		Puri et al.	11/17/92	

**FOREIGN DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		091164741	JP	Sony Corp.	05/02/97	
		10136048	JP	Hitachi Denshi Ltd.	05/22/98	
		62139425	JP	Nec Corp	06/23/87	
		63121326	JP	Nec Corp.	05/25/88	
		58084558	JP	Nec Corp.	05/20/83	
		10145146	JP	Matsushita Electric Ind. Co Ltd.	05/29/98	

**Other Prior Art-Non Patent Literature Documents**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
		NAGATANI, ET AL. Simulated Tolerance of Loop Parameters of Cartesian Feedback Amplifier for $\pi/4$ Shifted QPSK Transmitter June 26, 1992, pgs 25-30	
		IEEE Transactions on Signal Processing June 1998 Volume 6 pgs. 1726-1730	

Examiner Signature	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1<sup>6</sup> if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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